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60/346,302 9 January 2002 (09.01.2002) US(71) Applicant (for all designated States except US): **CRUPAX SECURITY INC.** [CA/CA]; 10 Stone House Court, Nepean, Ontario K2J 3Y4 (CA).

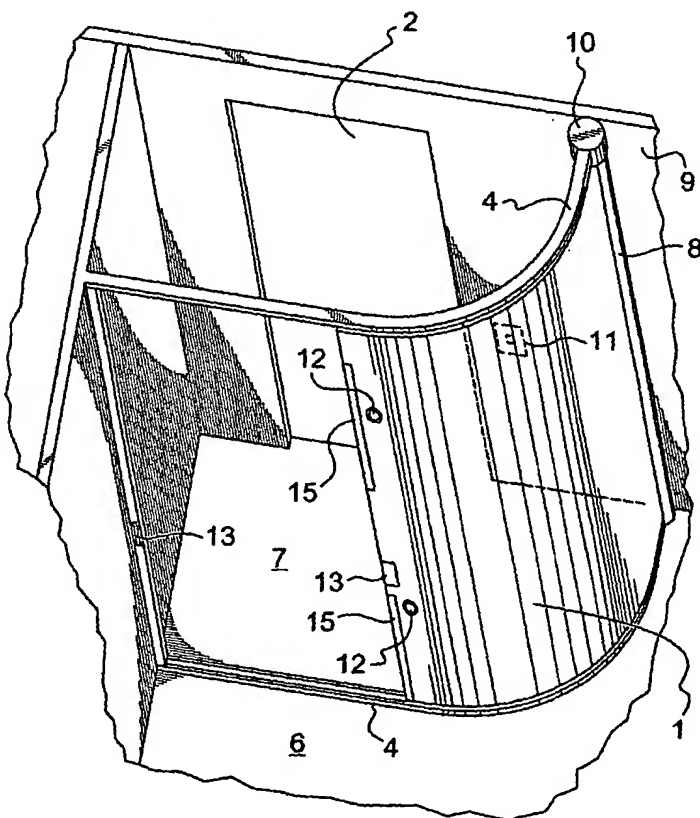
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[Continued on next page]

(54) Title: FLIGHT DECK SECURITY SYSTEM



(57) Abstract: The present invention is directed to increasing flight deck security in support of, and in conjunction with, the new FAA mandated bullet-proof cockpit door. This is accomplished by the Crupax Flight Deck Security System (FDSS), which provides a lightweight, flexible, mechanically strong isolation curtain which is mounted in the aircraft cabin at a predetermined distance from the cockpit door to act as a physical barrier that cannot be penetrated by unauthorized persons while the cockpit door is unlocked. The curtain forms a secure zone at the cockpit door whereby a person wanting to gain entry to the flight deck will stand so that the pilot can positively identify the person as bona fide aircrew member or as a person known to him/her. The pilot will also determine that the person is alone in the secure zone. The pilots have full control of the system, and must approve each entry or exit operation.

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BE 759 331 A (FRANKI ROBERT;HOMBROISE WILLY) 24 May 1971 (1971-05-24) page 2, line 30 -page 3, line 4 page 3, line 25-31 page 4, line 20-25; claims 1,7; figures	1,8,25, 35,39, 45,50, 54,60
X	DE 41 18 197 A (AIRBUS GMBH) 10 December 1992 (1992-12-10) column 2, line 30-49 column 3, line 26-28,48-52 column 4, line 4-24; figures	63-68
X	US 4 597 549 A (RYAN JAMES M) 1 July 1986 (1986-07-01) the whole document --- -/-	63-65,68

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 031 860 A (RUIZ RENE A ET AL) 16 July 1991 (1991-07-16) -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

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US 5031860	A	16-07-1991	NONE